

### **Amendments to the Claims**

1. (Original) A method for facilitating a push-to-talk (PTT) session initiation using an Internet Protocol (IP)-based protocol, the method comprising:
  - detecting, by an originator unit, a session initiation indication;
  - sending, by the originator unit in a non-IP format, a session initiation request for the PTT session, to a base station (BS) via a CDMA access channel;
  - sending, by the originator unit to the BS, a channel assignment request for the PTT session via a CDMA access channel; and
  - receiving, by the originator unit, messaging in response to the session initiation request.
2. (Original) The method of claim 1, wherein the IP-based protocol comprises Session Initiation Protocol (SIP).
3. (Original) The method of claim 1, wherein the session initiation request is sent via a short data burst (SDB).
4. (Original) The method of claim 1, wherein the session initiation request comprises information from the group consisting of a target identifier, an application identifier, a PTT server address, and originator vocoder information.
5. (Original) The method of claim 4, wherein the originator vocoder information comprises information from the group consisting of an indication of supported vocoders and an indication of preferred vocoders.
6. (Original) The method of claim 4, wherein the application identifier identifies an application from the group consisting of dispatch, presence, and voice over internet protocol (VoIP).

7. (Original) The method of claim 1, wherein the session initiation request comprises a request from the group consisting of a PTT call setup request, a presence information update request, and a VoIP call setup request.
8. (Original) The method of claim 7, wherein the PTT call setup request comprises a SIP INVITE message.
9. (Original) The method of claim 7, wherein the presence information update request comprises a message from the group consisting of a SIP INVITE message, a SIP INFO message, and a SIP NOTIFY message.
10. (Original) The method of claim 1, wherein the session initiation request is included within messaging for the channel assignment request.
11. (Original) The method of claim 10, wherein the messaging for the channel assignment request comprises an IS-2000 Reconnect message.
12. (Original) The method of claim 1, wherein the channel assignment request comprises an IS-2000 Origination message.
13. (Original) The method of claim 1, wherein the messaging in response to the session initiation request is received via a traffic channel assigned in response to the channel assignment request.
14. (Original) The method of claim 1, wherein the messaging in response to the session initiation request is received via a CDMA common channel from the group consisting of a CDMA Forward Paging Channel (F-PCH) and a CDMA Forward Common Control Channel (F-CCCH).

15. (Original) The method of claim 1, further comprising indicating, upon receiving the messaging in response to the session initiation request, that user voice activity for the PTT call may begin.
16. (Original) The method of claim 1, further comprising indicating, upon receiving the messaging in response to the session initiation request, that a PTT target unit is not available.
17. (Original) The method of claim 1, further comprising sending and receiving, by the originator unit in an active packet data session, PTT voice information via a traffic channel assigned in response to the channel assignment request.
- 18-48. (Cancelled)
49. (Original) A mobile station (MS) for facilitating a push-to-talk (PTT) session initiation using an Internet Protocol (IP)-based protocol, the MS comprising:
  - a transceiver; and
  - a processor, communicatively coupled to the transceiver,
    - adapted to detect a session initiation indication,
    - adapted to send, to a base station (BS) via the transceiver and a CDMA access channel, a session initiation request in a non-IP format for the PTT session,
    - adapted to send, to the BS via the transceiver and a CDMA access channel, a channel assignment request for the PTT session, and
    - adapted to receive, via the transceiver, messaging in response to the session initiation request in a non-IP format.

- 50-52. (Cancelled)